Teacher: Michelle Allen April 29, 2017

**Kindergarten Lesson Plan Subject: Sustainability Professional Development Workshop Topic: Composting**

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| **Essential Question**  What is a community? How do people and communities depend on and modify their physical environments in order to meet basic needs? |
| **Purpose/Objectives**  Children will learn/ have opportunities to engage in hands-on exploration of how food scraps are used as part of compost in school garden. Children will be able to observe and take notice of how something old can become something new and reduces the amount of trash in landfills. |
| **Overview**  Children have learned that there is a place in the school garden for a compost.  In this lesson children will:   * Listen & ask questions during read aloud * Make compost stew using recipe from book * Use food scarps & add to compost in school garden * Take notice & discuss how putting food scraps in compost benefits the environment and people. |
| **Standards**  **[CCSS.ELA-LITERACY.RI.K.1](http://www.corestandards.org/ELA-Literacy/RI/K/1/)** With prompting and support, ask and answer questions about key details in a text.  **Science Scope & Sequence**  Matter has properties that can be observed through the senses. (3.1b)  **Social Studies Scope & Sequence**  People & Communities depend on and modify their physical environments in order to meet basic needs. (3.1.6c) Peoples actions can affect the environment in negative and positive ways. |
| C:\Users\Michelle\Desktop\61QrGIcF5rL._SY485_BO1,204,203,200_.jpg**Materials**  Pre-Activity Book: *Compost Stew* by [Mary McKenna Siddals](https://www.amazon.com/Mary-McKenna-Siddals/e/B001IXS37A/ref=dp_byline_cont_book_1) describes what a compost is and how it could be beneficial  Chart: Create Compost Word Bank with children using vocabulary from book.  1.Activity/Engagement   * Recipe from book * Zucchini, cellery,corn,tomatos, onion, beans, kale salt, pepper * Crock pot * Plastic knives, cutting boards,, wooden spoon, small cups & spoons for each child, * Plastic bin for food scraps   2.Activity Engagement   * Shovel for turning compost |
| **Procedure**  During project time the children will have opportunities to work in small groups to cook a batch of compost stew from recipe.   * Group 1, 2, 3, 4 chop different vegetables and add to crock pot. * Children put scraps into bin and bring to garden compost. * Children rotate between garden centers and work in small groups to add scraps to compost bin, turn contents and use wheel barrows to bring ready compost to garden beds. * Children return to classroom and taste stew for snack. * Share/reflection: Whole group meeting – children list noticings – create classroom chart fo ongoing investigation about composts |
| **Assessment**  Teachers will observe and record interactions and conversations between children while in small group as they follow multi-step directions to make paper as the primary source of authentic assessment. Children’s finished work product can be used as work sample. |



**We put our food scraps in the compost at the school garden.**

**We made small food scraps from big food scraps for the compost.**





**We**

**used**

**shovels**

**to turn**

**the compost.**



**We took compost and put it in the garden beds with a wheel barrow .**



**We took compost and put it in the garden beds with a wheel barrow .**

**We made a compost bin for our classroom.**



